SIEMENS
AKTIENGESELLSCHAFT
Bereich Medizinische Technik

UEBERSICHTSBLATT
zum Schaltplan

Erzeugnis
POLYMOBIL III

Typ.Nr:
X038I

Sachn.-Typ-Nr:
45 64 100 X038I

| Blatt Nr. | A | B | C | D | E | Index | Änd.-Mittlg | Datum | Sign |
|---|---|---|---|---|---|---|---|---|---|
| | Ausführungsnummern | | | | | | | | |
| 1A | 1 | 1 | 1 | 1 | 2 | A | | 4/92 | |
| 1B | 1 | 1 | 1 | 1 | 2 | B | | 10/92 | |
| 2 | 1 | 1 | 1 | 1 | 2 | C | | 2/93 | |
| 3 | 1 | 2 | 2 | 2 | 3 | D | | 10/93 | |
| 4 | 1 | 2 | 3 | 3 | 4 | E | | 4/95 | |
| 5 | 1 | 2 | 3 | 4 | 5 | | | | |
| 6 | 1 | 1 | 1 | 2 | 3 | | | | |
| 7 | 1 | 1 | 1 | 2 | 3 | | | | |
| 8 | 1 | 1 | 1 | 1 | 1 | | | | |
| 90A | 1 | 1 | 1 | 1 | 1 | | | | |
| 90B | 1 | 1 | 1 | 1 | 1 | | | | |
| 91A | 1 | 1 | 1 | 1 | 2 | | | | |
| 91B | 1 | 1 | 1 | 1 | 2 | | | | |
| 91C | 1 | 1 | 1 | 1 | 2 | | | | |
| 91D | 1 | 1 | 1 | 1 | 2 | | | | |
| 91E | 1 | 1 | 1 | 1 | 2 | | | | |
| 92A | 1 | 1 | 1 | 2 | 3 | | | | |
| 92B | 1 | 2 | 2 | 2 | 3 | | | | |
| 92C | - | - | - | - | 3 | | | | |
| 111A | 1 | 1 | 1 | 1 | 1 | | | | |
| 111B | 1 | 1 | 1 | 1 | 1 | | | | |
| 200 | 1 | 2 | 3 | 4 | 5 | | | | |

V1

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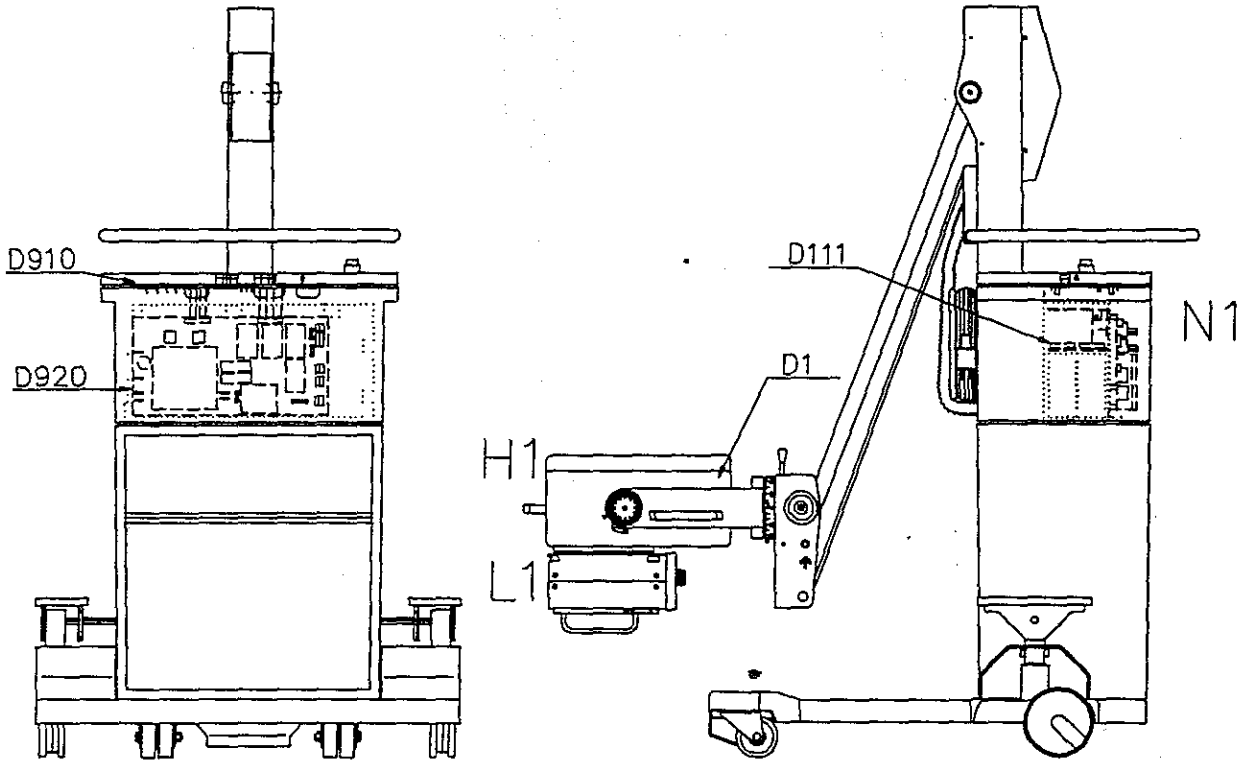
# BLATTUEBERSICHT, PAGES LIST, VUE D ENSEMBLE, INDICE

| BLATT / STROMWEG<br>PAGE / CIRCUIT<br>FEUILLET / CIRCUITS<br>PAGINA / CIRCUITO | | | | |
|---|---|---|---|---|
| X038I- | 1A | / -- | | BLATTUEBERSICHT , LIST OF PAGES AND CIRCUITS , VUE D'ENSEMBLE FEUILLES ET CIRCUITS, INDICE. |
| X038I- | 1B | / -- | | BAUGRUPPEN & PLATINENUEBERSICHT, ASSEMBLY GROUPS & BOARDS , VUE D ENSEMBLE BLOCS ET CARTES, UNIDADES DE MONTAJE. |
| X038I- | 2 | / -- | | PRINZIP DES GENERATORS, GENERATOR PRINCIPLE , PRINCIPE DU GENERATEUR, PRINCIPIO DE GENERADOR. |
| X038I- | 3 | / -- | | NETZANSCHLUSS, SPANNUNVERSORGUNG, MAINS CONNECTION, CONNEXION SECTEUR, CONEXIONADO |
| X038I- | 4 | / -- | | WECHSELRICHTER, INVERTER , ONDULEUR , ONDULADOR. |
| X038I- | 5 | / -- | | EINTANK, SINGLE-TANK, MONOCUVE, MONOBLOQUE. |
| X038I- | 6 | / -- | | KV-REGELUNG-PRINZIP, KV REGULATION-PRINCIPLE, PRINCIPE DE REGLAGE KV, PRINCIPIO DE REGULACION KV. |
| X038I- | 7 | / -- | | HEIZKREIS, FILAMENT CIRCUIT, CIRCUIT DE CHAUFFAGE , CIRCUITO DE FILAMENTO. |
| X038I- | 8 | / -- | | ZENTRALEINHEINT, CENTRAL UNIT, UNITE CENTRALE , UNIDAD CENTRAL. |
| X038I- | 90A | / -- | 01 | ADAPTER, ADAPTER, ADAPTATEUR, ADAPTADOR. |
| X038I- | 90B | / -- | 01 | ADAPTER, ADAPTER, ADAPTATEUR, ADAPTADOR. |
| X038I- | 91A | / -- | 0910 | STEUERKREIS , CONTROL CIRCUIT, CIRCUIT DE CONTROLE , CIRCUITO DE CONTROL. |
| X038I- | 91B | / -- | 0910 | STEUERKREIS , CONTROL CIRCUIT, CIRCUIT DE CONTROLE , CIRCUITO DE CONTROL. |
| X038I- | 91C | / -- | 0910 | STEUERKREIS , CONTROL CIRCUIT, CIRCUIT DE CONTROLE , CIRCUITO DE CONTROL. |
| X038I- | 91D | / -- | 0910 | STEUERKREIS , CONTROL CIRCUIT, CIRCUIT DE CONTROLE , CIRCUITO DE CONTROL. |
| X038I- | 91E | / -- | 0910 | STEUERKREIS , CONTROL CIRCUIT, CIRCUIT DE CONTROLE , CIRCUITO DE CONTROL. |
| X038I- | 92A | / -- | 0920 | LEISTUNGSKREIS, POWER CIRCUIT, CIRCUIT DE PUISSANCE , PLACA DE POTENCIA. |
| X038I- | 92B | / -- | 0920 | LEISTUNGSKREIS, POWER CIRCUIT, CIRCUIT DE PUISSANCE , PLACA DE POTENCIA. |
| X038I- | 92C | / -- | 0920 | LEISTUNGSKREIS, POWER CIRCUIT, CIRCUIT DE PUISSANCE , PLACA DE POTENCIA. |
| X038I- | 111A | / -- | 0111 | ZWISCHENKREIS , INTERMEDIATE CIRCUIT, CIRCUIT INTERMEDIARE, CIRCUITO INTERMEDIO. |
| X038I- | 111B | / -- | 0111 | ZWISCHENKREIS , INTERMEDIATE CIRCUIT, CIRCUIT INTERMEDIARE, CIRCUITO INTERMEDIO. |
| X038I- | 200 | / -- | | KOMPATIBILITAETSLISTEN, COMPOTIBILITY LIST, LISTE DE COMPATIBILITE, LISTA DE COMPATIBILIDAD. |

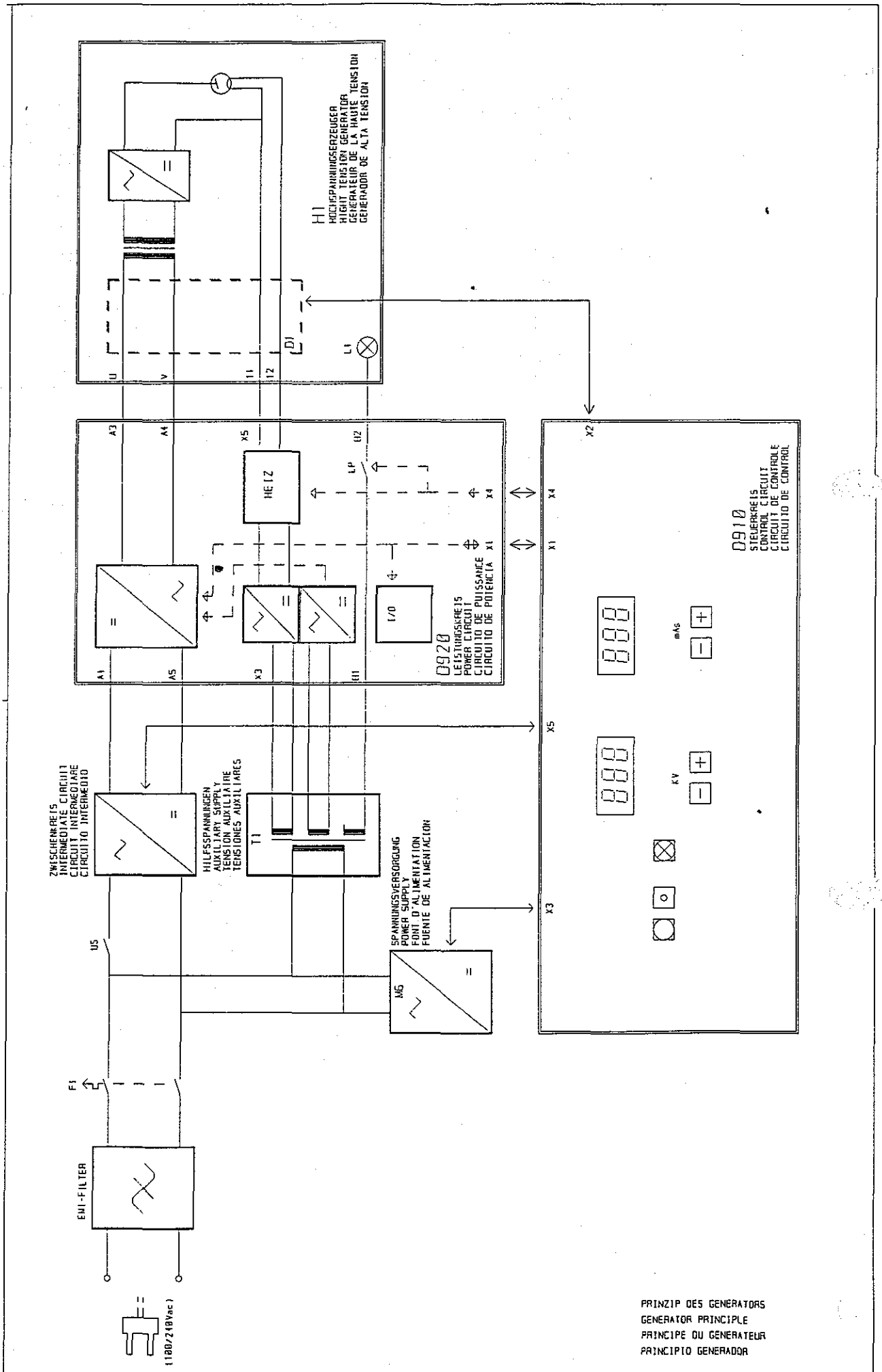
# POLYMOBIL III

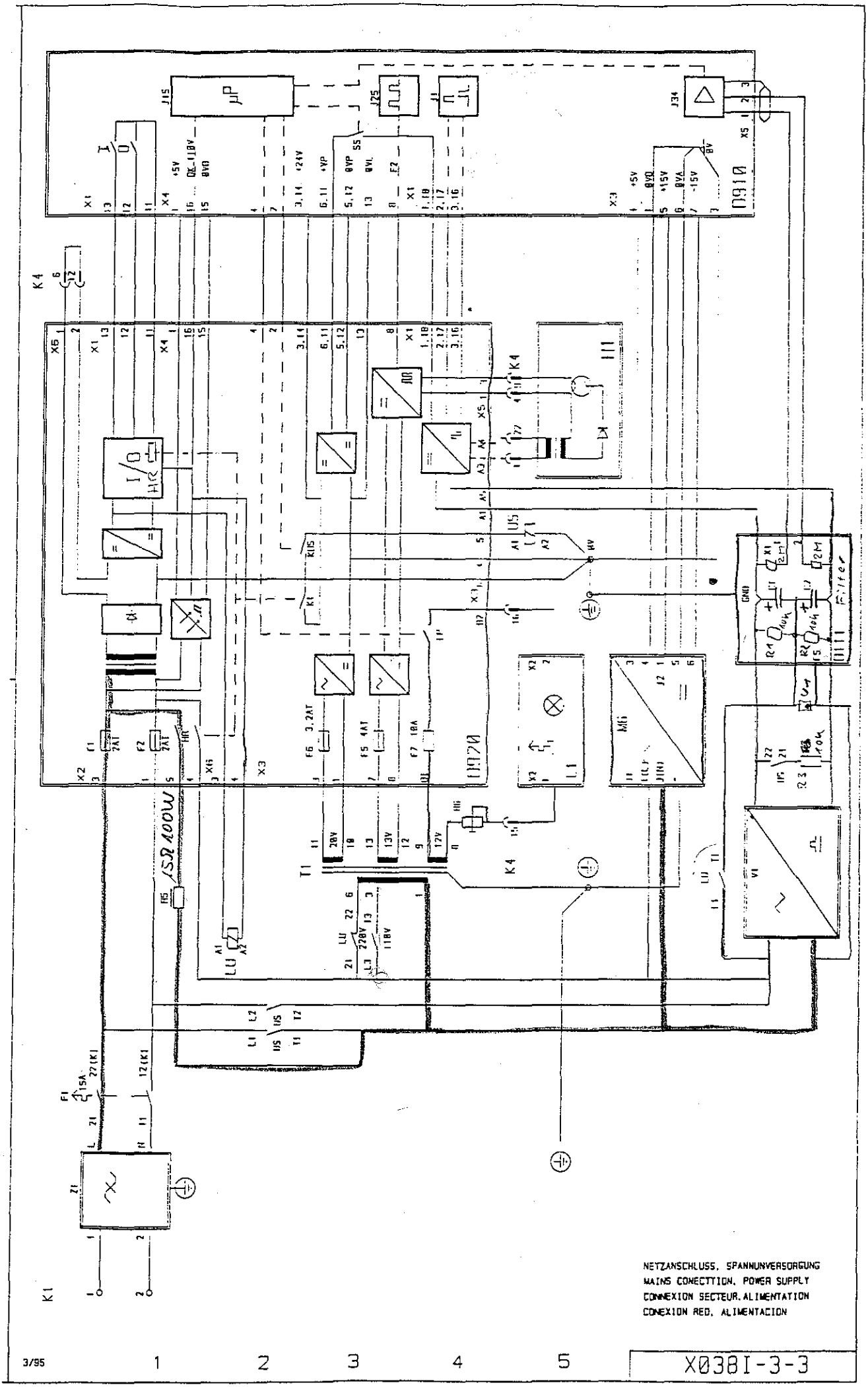
45 64 100 X038I

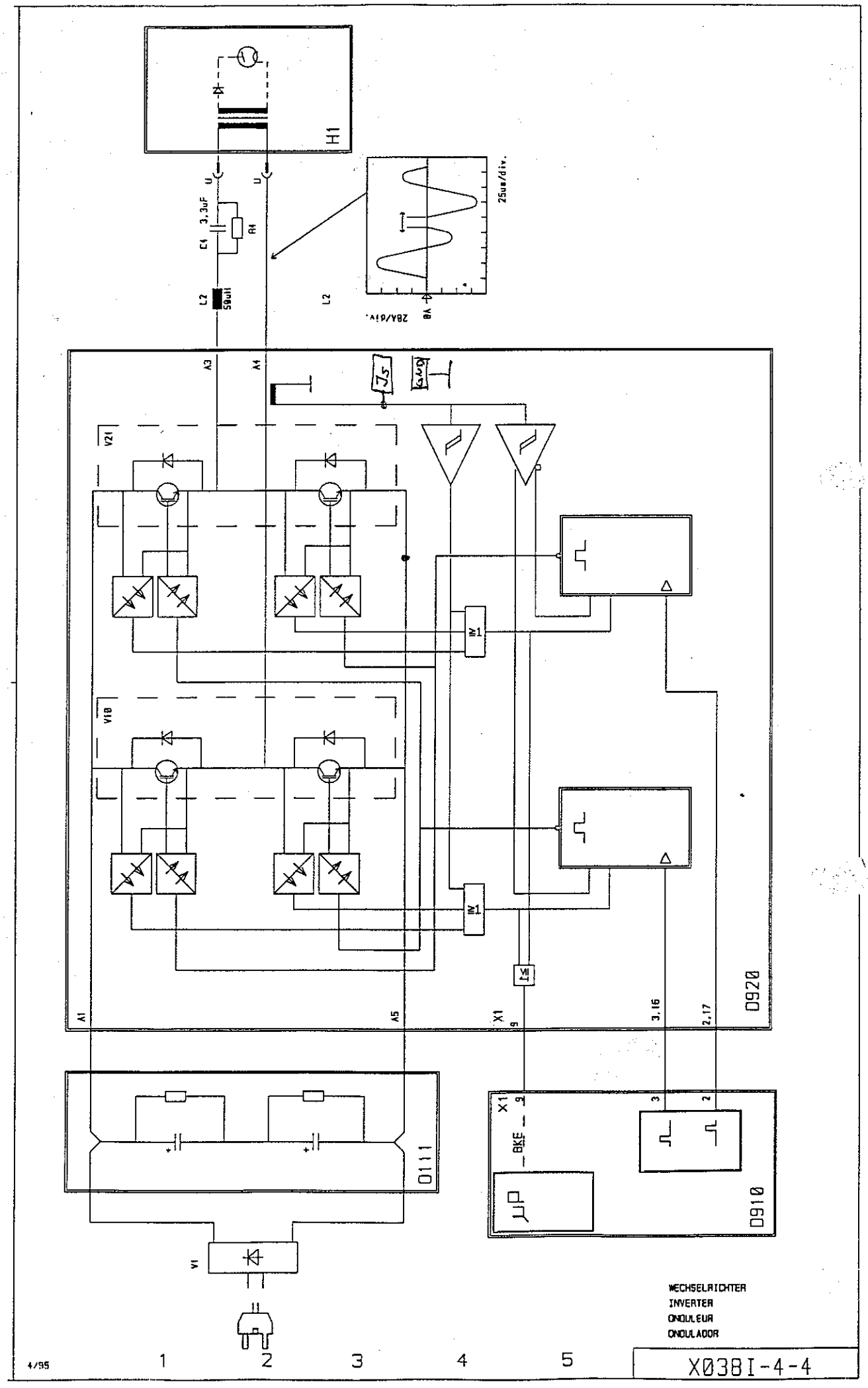


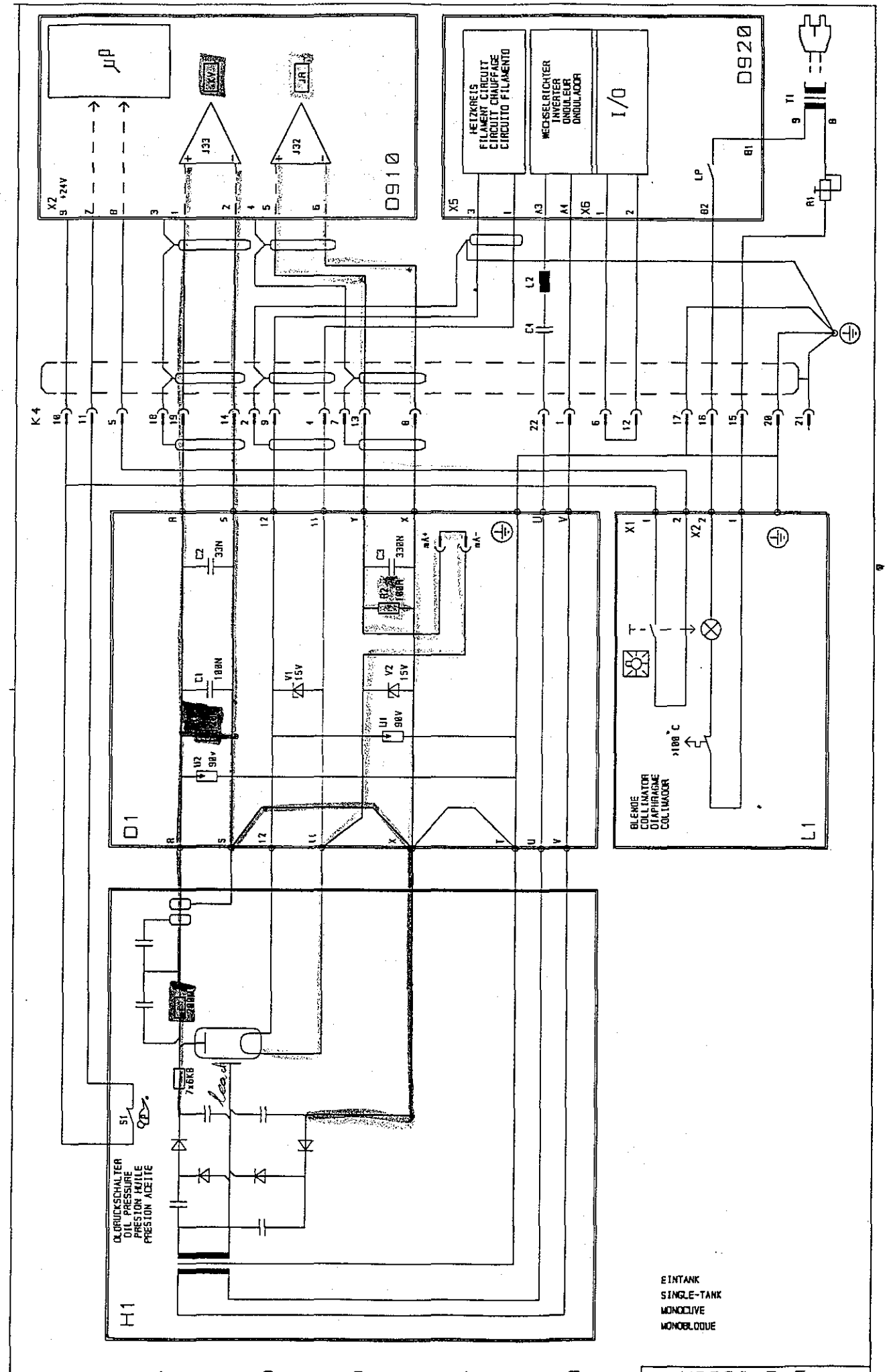

BAUGRUPPEN UND PLATINENUEBERSICHT
ASSEMBLY GROUPS AND BOARDS
VUE D'ENSEMBLE BLOCS ET CARTES
UNIDADES DE MONTAJE Y CIRCUITOS

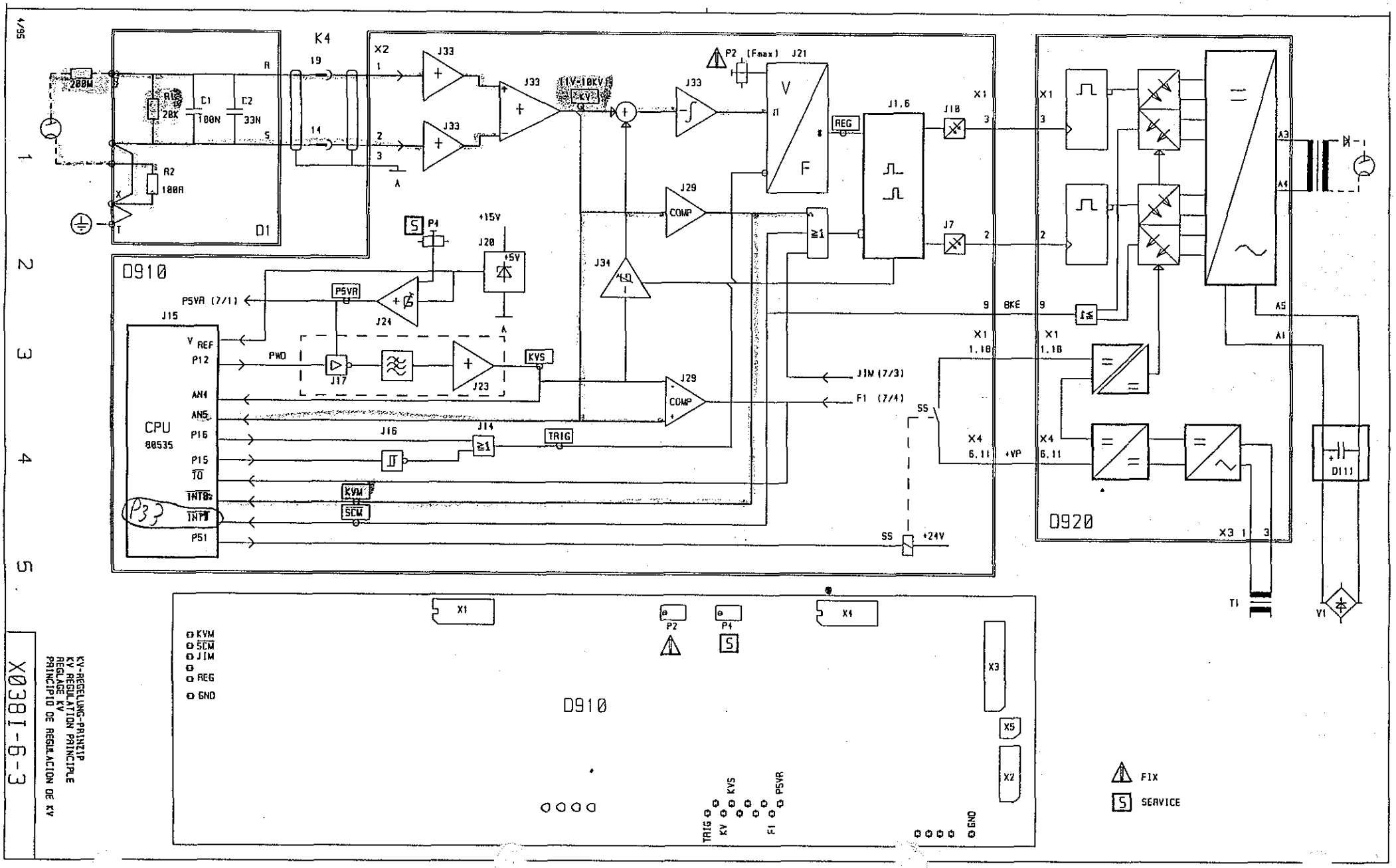
| | | |
|---|---|---|
| N1<br>18 04 298 X038I | STEURRAHMEN<br>CONTROL FRAME<br>CADRE COMMANDE<br>UNIDAD CONTROL | |
| D910 | STEUERKREIS<br>CONTROL BOARD<br>CIRCUIT DE CONTROLE<br>CIRCUITO DE CONTROL | 03 95 442 X038I |
| D920 | LEISTUNG PLATINE<br>POWER BOARD<br>CIRCUIT DE PUISSANCE<br>CIRCUITO DE POTENCIA | 03 95 061 X038I |
| D111 | ZWISCHENKREIS<br>INTERMEDIATE CIRCUIT<br>CIRCUIT INTERMEDIAIRE<br>CIRCUITO INTERMEDIO | 18 03 647 X038I |
| H1<br>18 06 640 X041I | EINTANK<br>SINGLE TANK<br>MONOCUVE<br>MONOBLOQUE | |
| L1<br>18 13 190 G037I | BLENDE<br>COLLIMATOR<br>DIAPHRAGME<br>COLIMADOR | |
| D1 | ADAPTER<br>ADAPTER<br>ADAPTATEUR<br>ADARTADOR | 45 68 358 X038I |

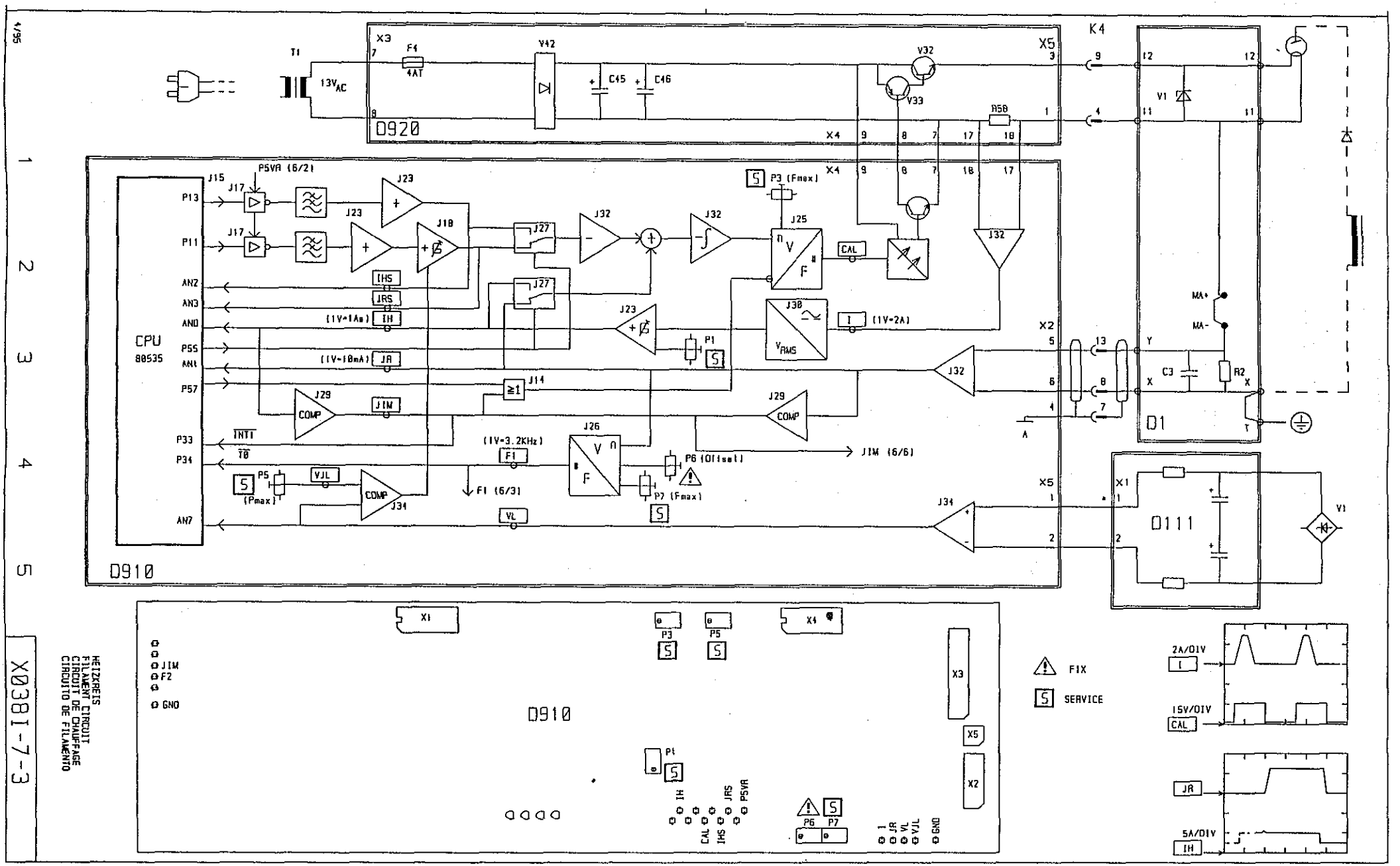

H1
HOCHSPANNUNGSERZEUGER
HIGHT TENSION GENERATOR
GENERATEUR DE LA HAUTE TENSION
GENERADOR DE ALTA TENSION
HEIZ
0920
LEISTUNGSKREIS
POWER CIRCUIT
CIRCUITO DE PUISSANCE
CIRCUITO DE POTENCIA
0910
STEUERKREIS
CONTROL CIRCUIT
CIRCUIT DE CONTROLE
CIRCUITO DE CONTROL
ZWISCHENKREIS
INTERMEDIATE CIRCUIT
CIRCUIT INTERMEDIAIRE
CIRCUITO INTERMEDIO
HILFSSPANNUNGEN
AUXILIARY SUPPLY
TENSION AUXILIAIRE
TENSIONES AUXILIARES
SPANNUNGSVERSORGUNG
POWER SUPPLY
FONT D'ALIMENTATION
FUENTE DE ALIMENTACION
ENI-FILTER
(100/240Vac)
PRINZIP DES GENERATORS
GENERATOR PRINCIPLE
PRINCIPE DU GENERATEUR
PRINCIPIO GENERADOR

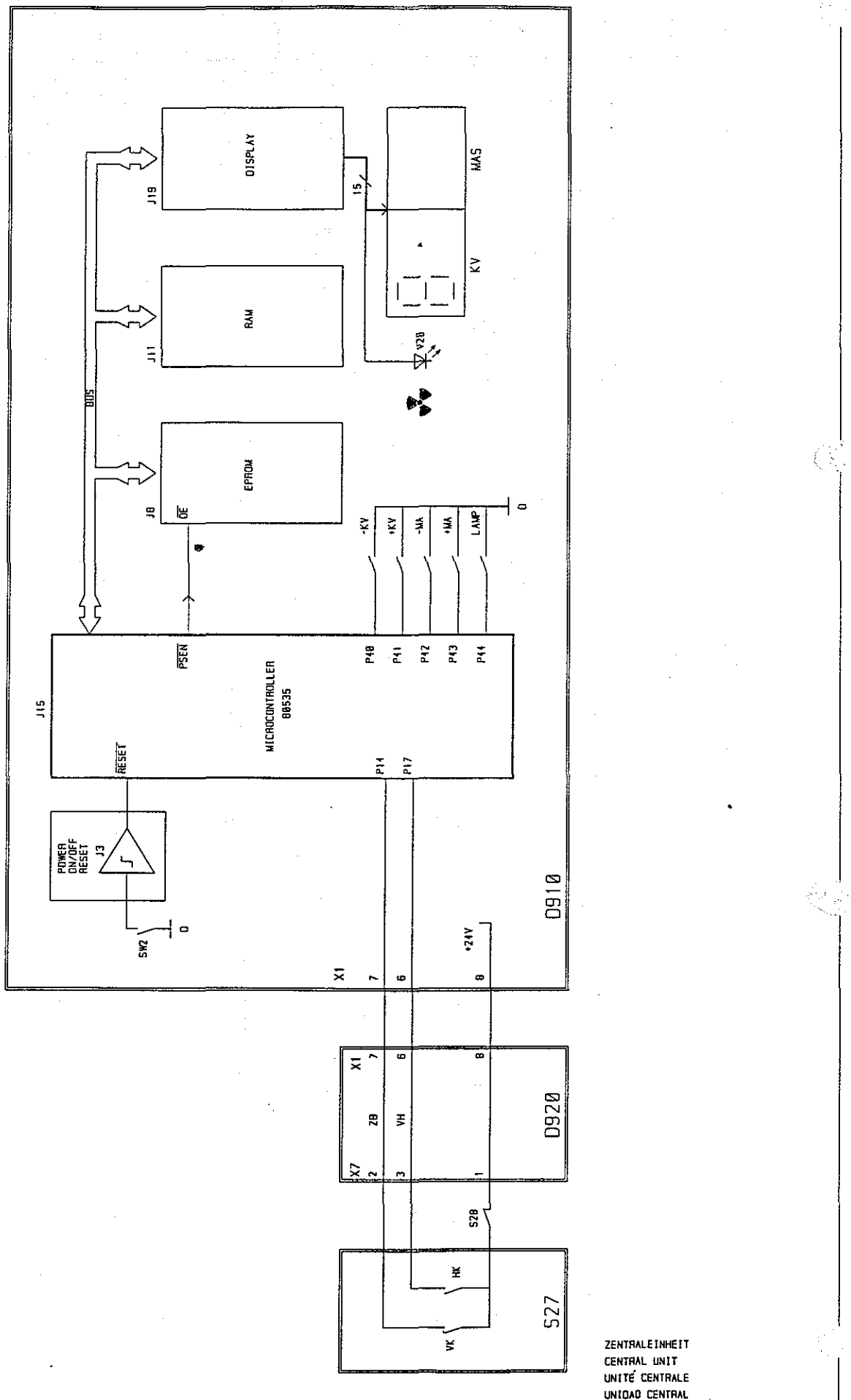

NETZANSCHLUSS, SPANNUNVERSORGUNG
MAINS CONECTTION, POWER SUPPLY
CONNEXION SECTEUR, ALIMENTATION
CONEXION RED, ALIMENTACION

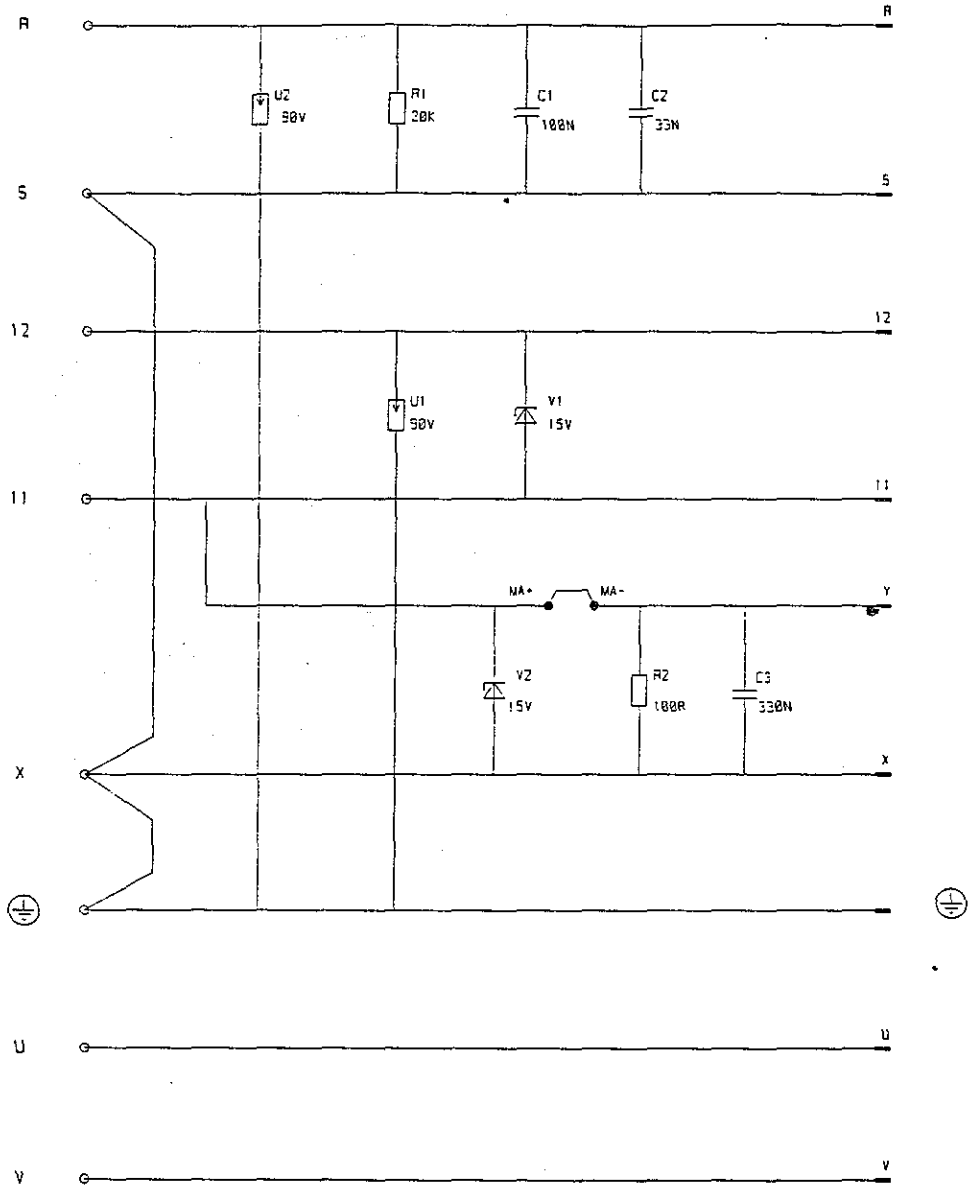

H1
C1 3,3uF
R1
L2 50uH
25us/div.
20A/div.
A3
A1
V21
V10
A1
A5
X1
9
3,16
2,17
0920
0111
X1
9
3
2
0910
V1
WECHSELRICHTER
INVERTER
ONDULEUR
ONDULADOR
4/95
1
2
3
4
5
X038I-4-4


µP
0910
0920
HEIZKREIS
FILAMENT CIRCUIT
CIRCUIT CHAUFFAGE
CIRCUITO FILAMENTO
WECHSELRICHTER
INVERTER
ONDULEUR
ONDULADOR
I/O
D1
L1
H1
BLENDE
COLLIMATOR
DIAPHRAGME
COLIMADOR
>100°C
ÖLDRUCKSCHALTER
OIL PRESSURE
PRESION HUILE
PRESION ACEITE
EINTANK
SINGLE-TANK
MONOCUVE
MONOBLOQUE
4/95
1
2
3
4
5
X038I-5-5


4/95
K4
X2
J33
J21
P2 (Fmax)
REG
J1.6
J18
J7
J29
COMP
J34
P4
+15V
J20
+5V
D910
PSVR (7/1)
PSVR
J24
J15
V REF
P12
PWO
J17
J23
KVS
AN4
AN5
CPU
80535
P16
P15
TO
INT0
INT1
P51
J16
J14
TRIG
KVM
SCM
J1M (7/3)
F1 (7/4)
SS
+24V
X4
6.11
+VP
D920
X3
D111
T1
V1
R1
200M
20K
C1
100N
C2
33N
R2
100A
D1
BKE
FIX
SERVICE
GND
X5
X2
X3
P3
X038I-6-3
KV-REGELUNG-PRINZIP
KV REGULATION PRINCIPLE
REGLAGE KV
PRINCIPIO DE REGULACION DE KV


4/95
X0381-7-3
HEIZKREIS
FILAMENT CIRCUIT
CIRCUIT DE CHAUFFAGE
CIRCUITO DE FILAMENTO
T1
13V AC
F4
4AT
V42
C45
C46
V32
V33
R58
K4
V1
D920
D910
CPU
80535
P13
P11
AN2
AN3
AN0
P55
AN1
P57
P33
P34
AN7
J15
J17
J23
J18
J27
J32
J25
J30
J14
J29
J26
J34
P5VR (6/2)
P3 (Fmax)
CAL
IHS
IRS
IH
JR
JIM
VJL
VL
INT1
T0
F1
P1
P5
P6 (Offset)
P7 (Fmax)
(1V=1Aa)
(1V=10mA)
(1V-3.2KHz)
(1V=2A)
F1 (6/3)
JIM (6/6)
COMP
X1
X2
X3
X4
X5
D1
D111
MA+
MA-
C3
R2
FIX
SERVICE
2A/DIV
15V/DIV
5A/DIV
GND


DISPLAY
MAS
KV
RAM
V28
BUS
EPROM
OE
-KV
+KV
-MA
+MA
LAMP
0
PSEN
MICROCONTROLLER
80535
P40
P41
P42
P43
P44
P14
P17
RESET
POWER
ON/OFF
RESET
J3
SW2
0910
X1
+24V
0920
ZB
VH
X7
S28
HK
VK
S27
ZENTRALEINHEIT
CENTRAL UNIT
UNITÉ CENTRALE
UNIDAD CENTRAL



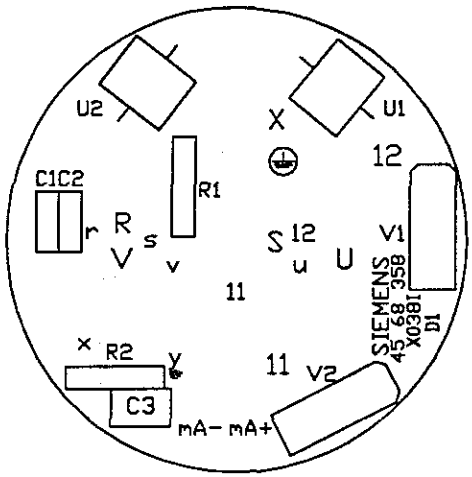

01

45 68 358 X038I
ADAPTER
ADAPTER
ADAPTATEUR
ADAPTADOR

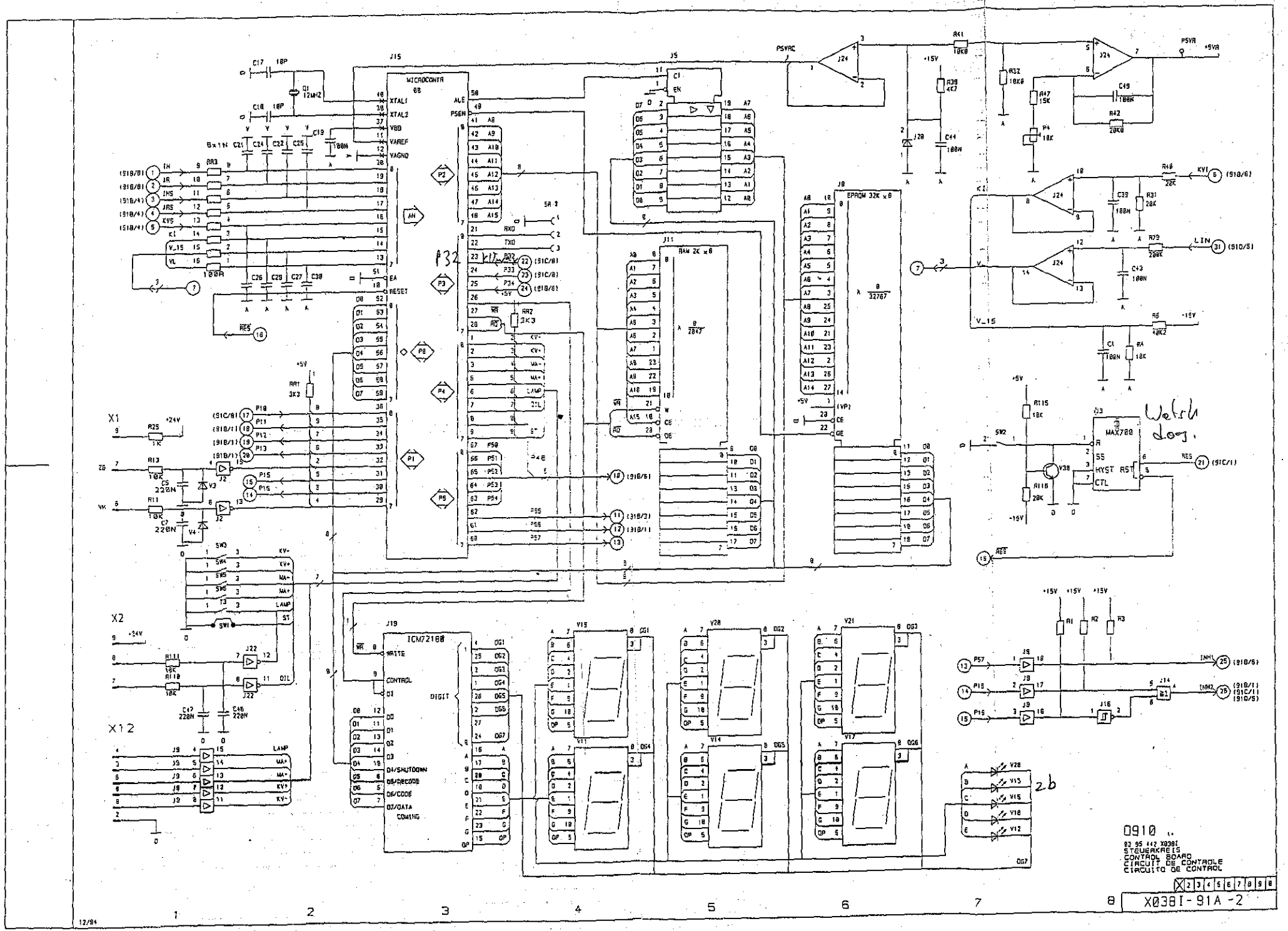
3/92

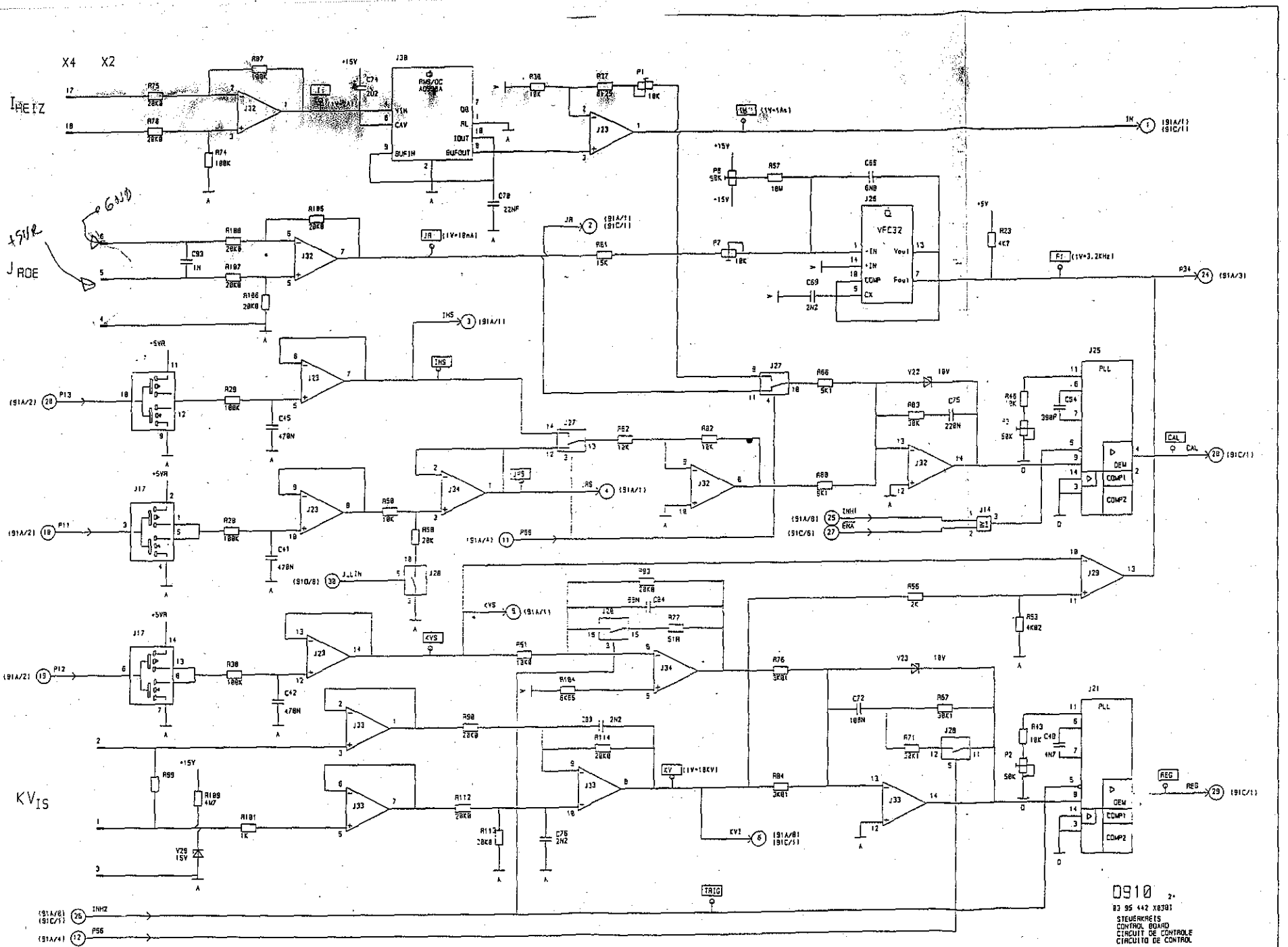
1 2 3 4 5

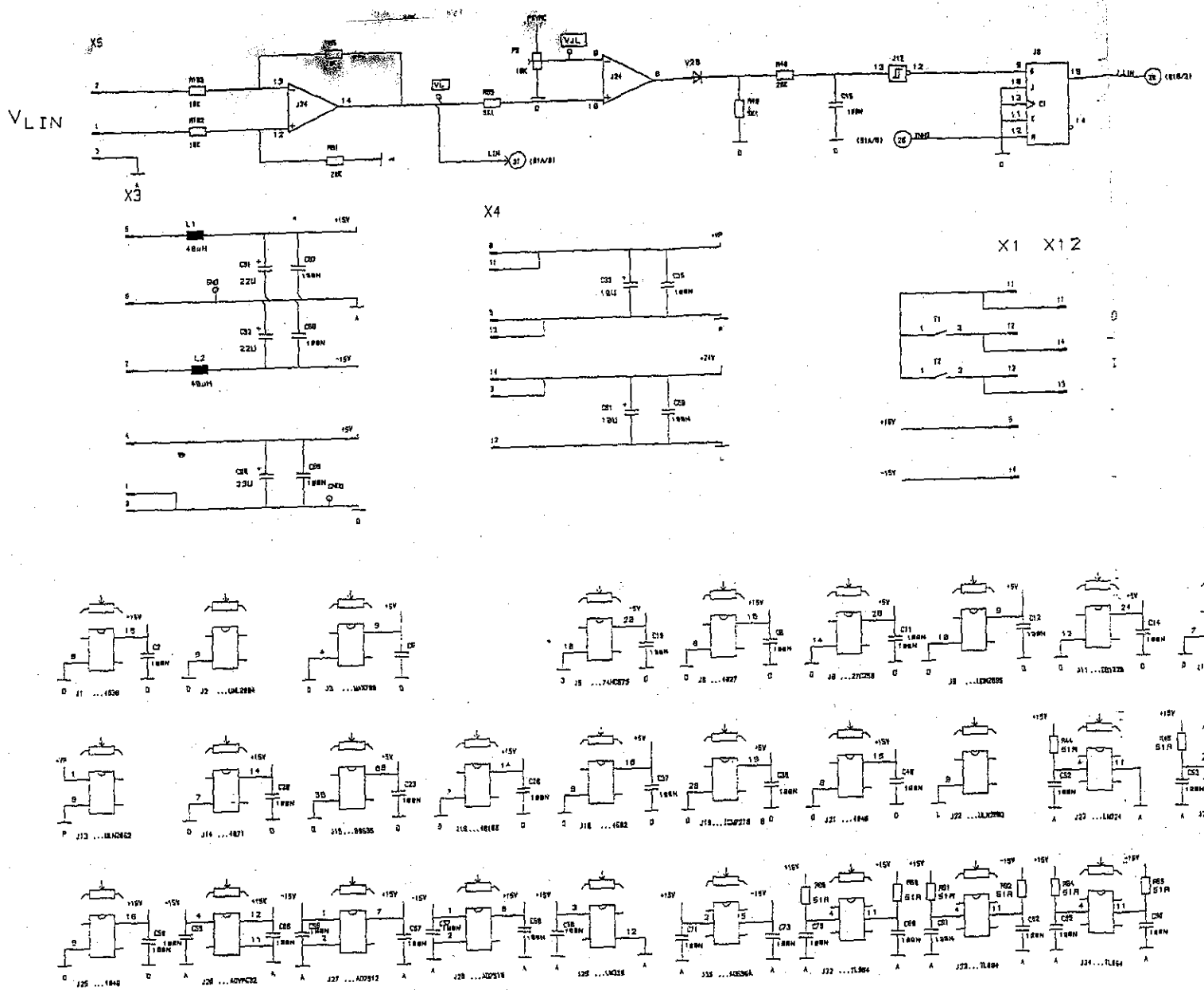
X038I- 90A -1

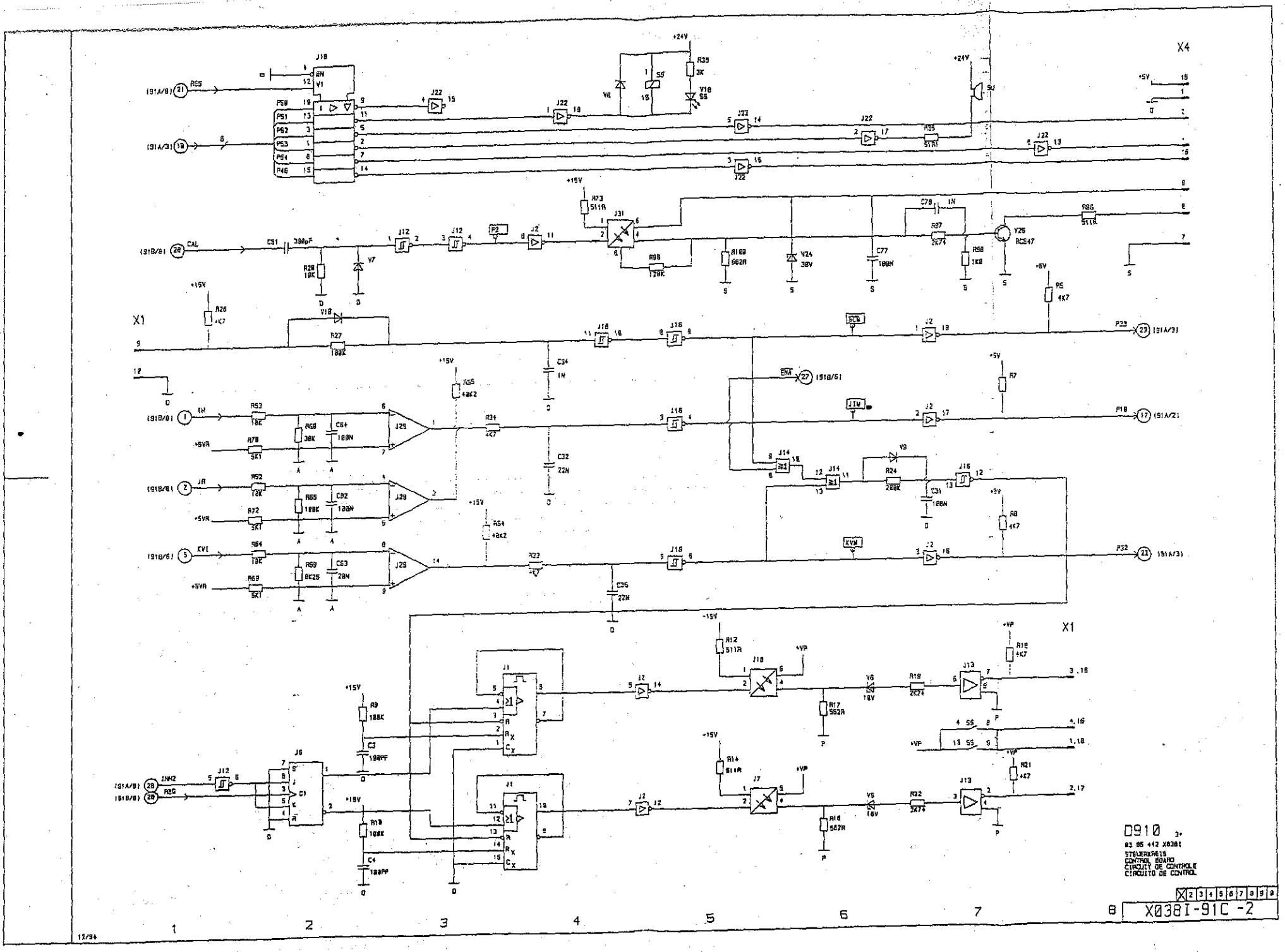


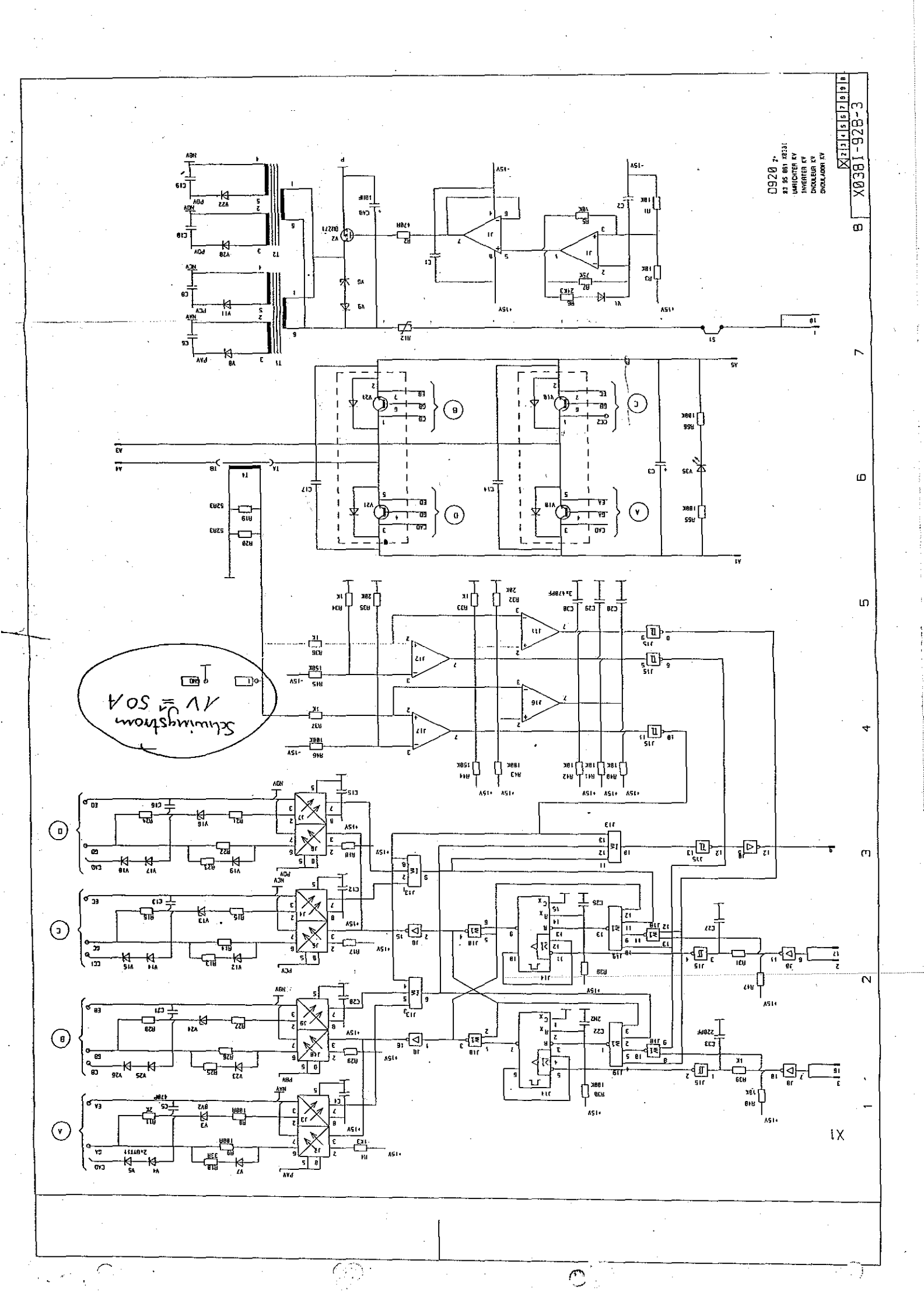

D1 1+
45 68 358 X038I
ADAPTER
ADAPTER
ADAPTATEUR
ADAPTADOR

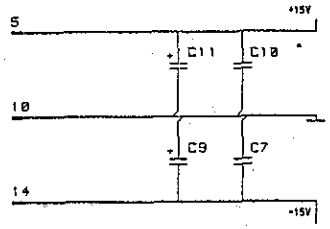

MICROCONTR 68
ICM7218B
EPROM 32K x8
RAM 2K x8
MAX780
Watch dog.
0910 ..
83 95 447 X038I
STEUERKREIS
CONTROL BOARD
CIRCUIT DE CONTROLE
CIRCUITO DE CONTROL
X038I-91A-2
12/94

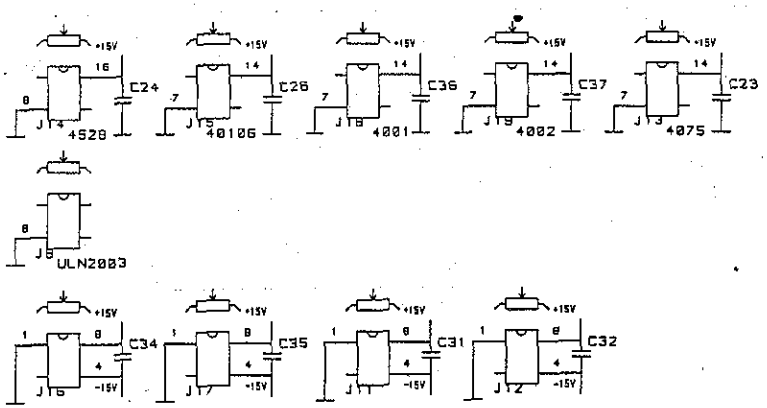

X4 X2
I HEIZ
J ROE
KV IS
0910
83 95 442 X0381
STEUERKREIS
CONTROL BOARD
CIRCUIT DE CONTROLE
CIRCUITO DE CONTROL
X0381-918-2
12/94


X5
VLIN
X3
X4
X1 X12
0910
83 65 442 0381
STEUERKREIS
CONTROL BOARD
CIRCUIT DE CONTROLE
CIRCUITO DE CONTROL
X038I-910 -2
1
2
3
4
5
6
7
8


X4
X1
X1
+24V
+15V
+5V
+VP
-15V
J18
J22
J12
J31
J29
J14
J16
J1
J2
J6
J7
J13
R73 511R
R30 3K
R55 511R
R86 511R
R87 2K74
R88 1K8
R5 4K7
R26 4K7
R27 100K
R53 10K
R52 10K
R64 10K
R58 30K
R65 100K
R69 8K25
R78 5K1
R72 5K1
R79 5K1
R34 4K7
R24 200K
R7 4K7
R8 4K7
R9 100K
R19 100K
R12 511R
R14 511R
R19 2K74
R22 2K74
R17 562R
R18 562R
R18 4K7
R21 4K7
C78 1N
C77 100N
C34 1N
C32 22N
C35 22N
C31 100N
C64 100N
C62 100N
C63 22N
C3 100PF
C4 100PF
C51 390pF
R28 10K
R98 120K
R168 562R
R55 +2K2
R54 +2K2
R22 +2K2
V24 36V
V7
V8
V10
V9
V6
V5
Y25 BC547
CAL
JNK2
RBG
JIN
JIR
KVI
ENA
SCN
JIM
KVM
P33
P18
P32
0910
83 95 442 X038I
STEUERKREIS
CONTROL BOARD
CIRCUIT DE CONTROLE
CIRCUITO DE CONTROL
X038I-91C -2
12/94


X0381-928-3
Schwingstrom
≙ 50A



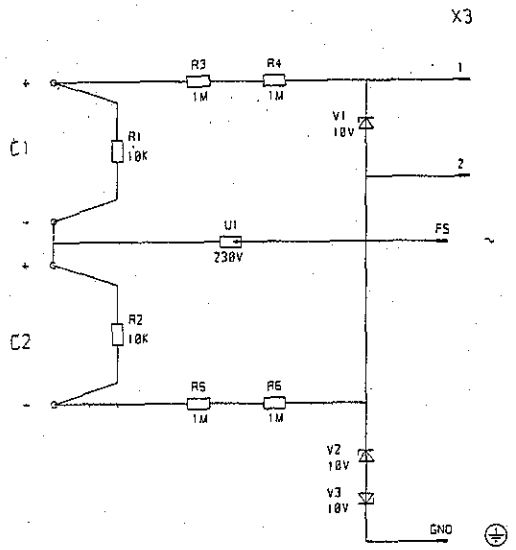




0920 3+
03 95 861 X038I
LEISTUNG PLATINE
POWER BOARD
CIRCUIT DE PUISSANCE
TARJETA DE POTENCIA

1 2 3 4 5 6 7 8 9 0

1 2 3 4 5

X038I-92C-3




D111 1+
10 03 647 X038I
ZWISCHENKREIS
INTERMEDIATE CIRCUIT
CIRCUIT INTERMÉDIAIRE
CIRCUITO INTERMEDIO

1 2 3 4 5 6 7 8 9 0

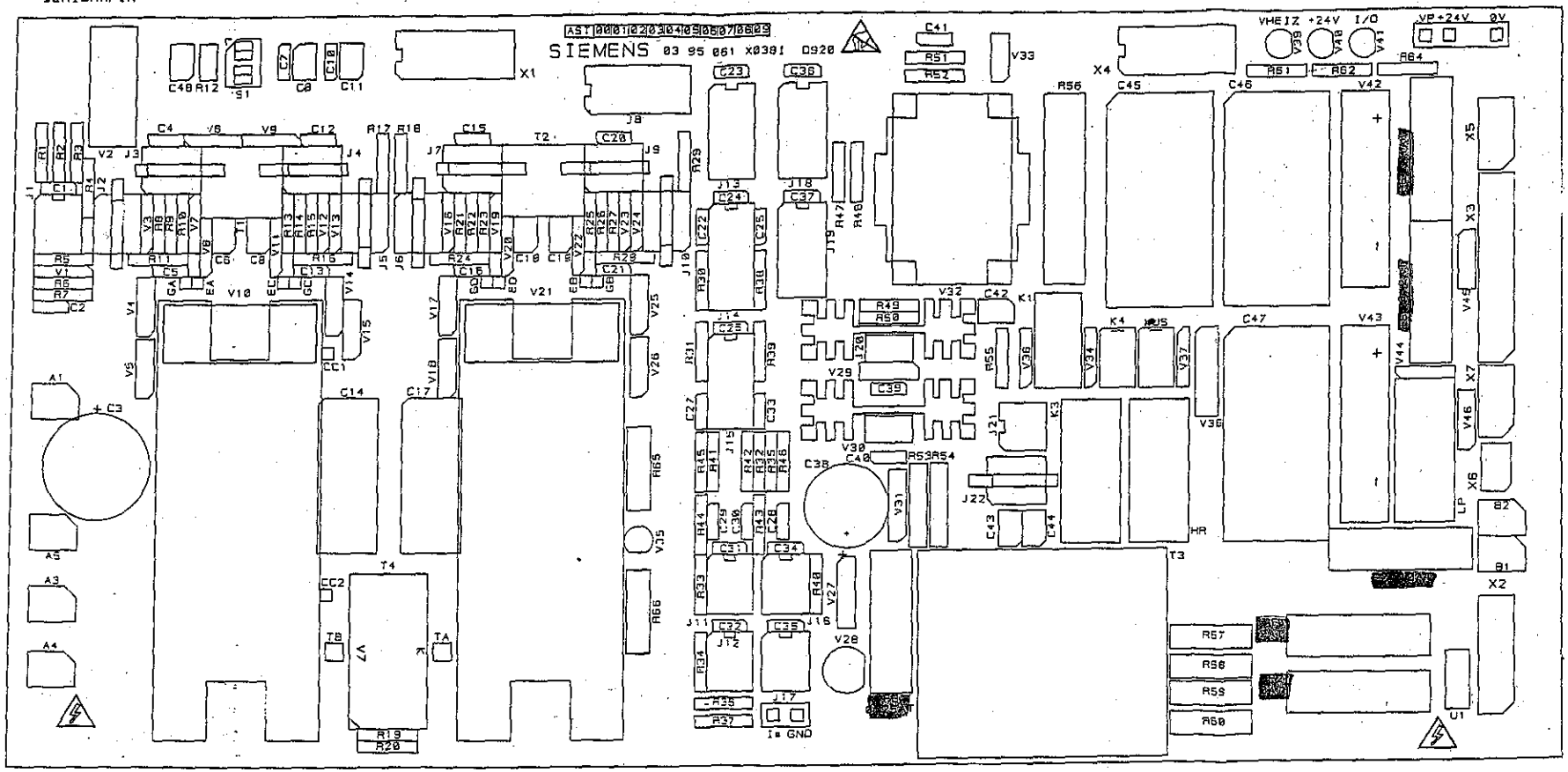
X038I-111A-1

3/92

1 2 3 4 5

03 95 061 X038I

SERIGRAFIA (V3.1)




0920 4-

03 95 061 X038I

LEISTUNG PLATINE

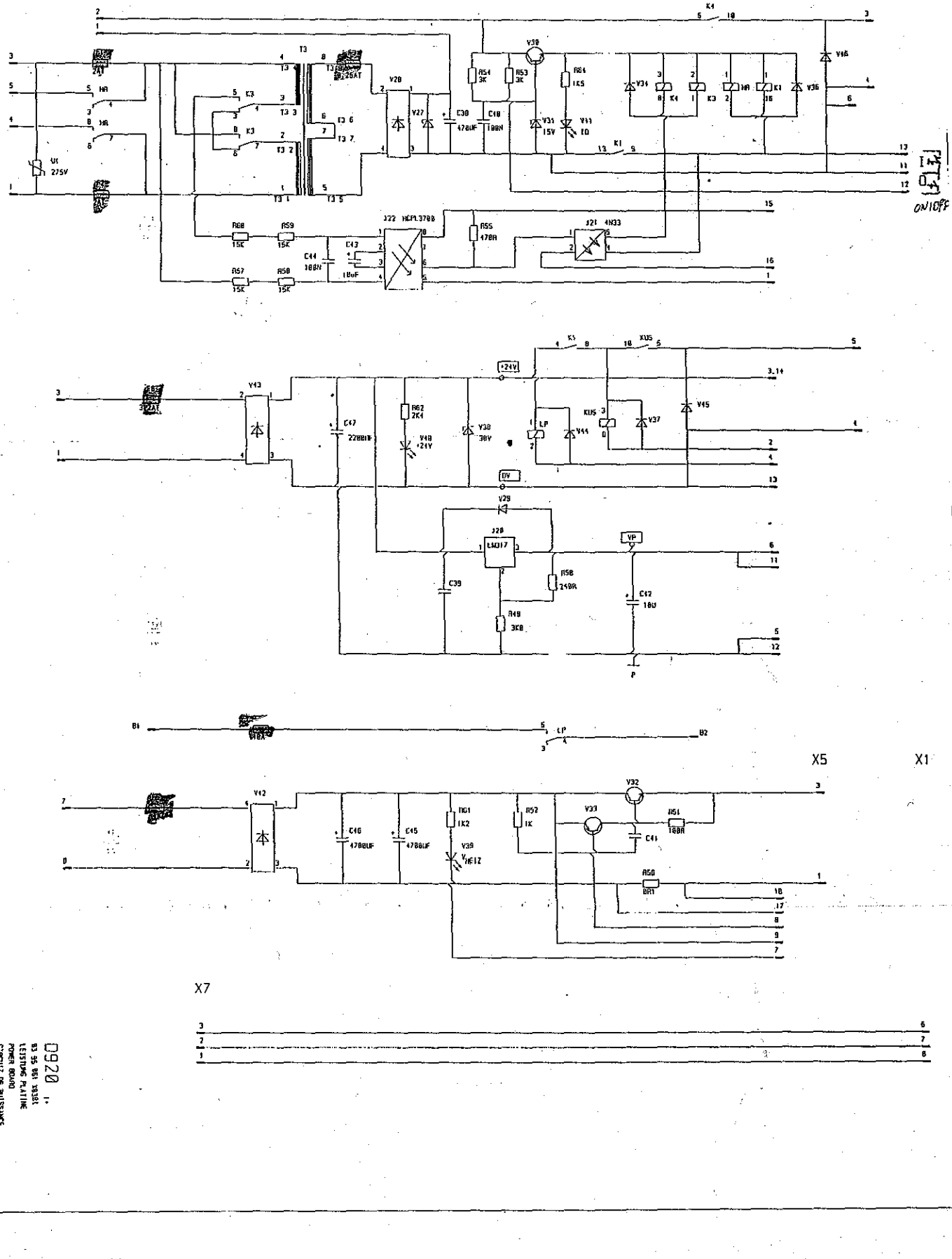
POWER BOARD

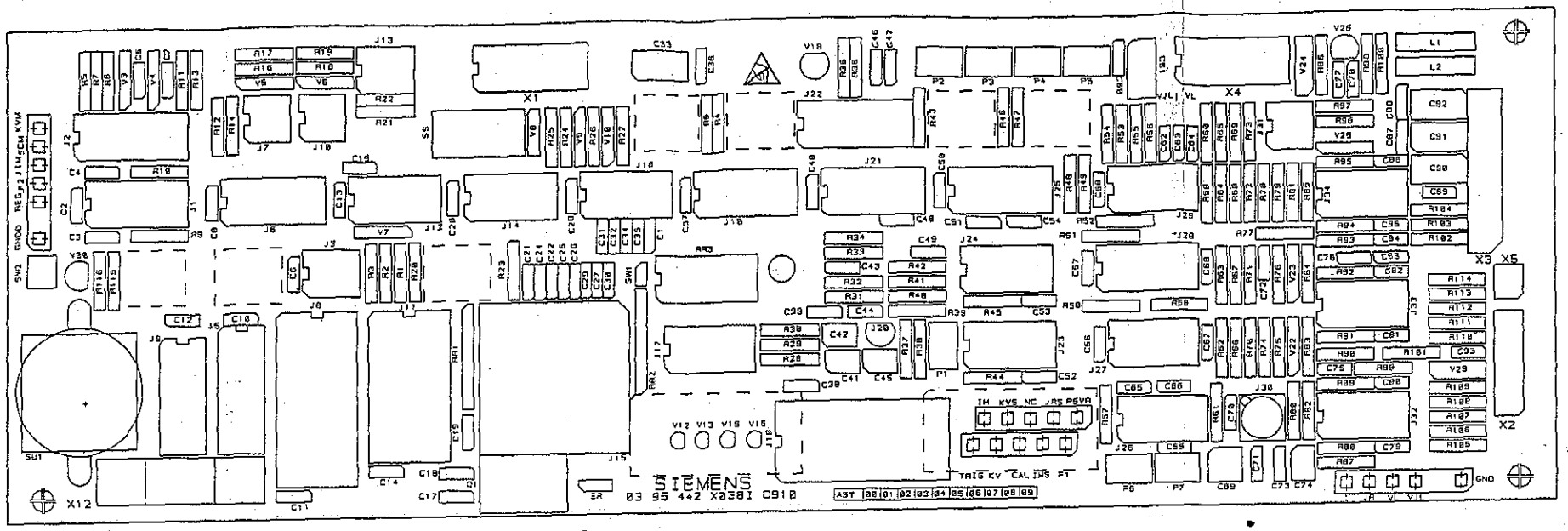
CIRCUIT DE PUISSANCE

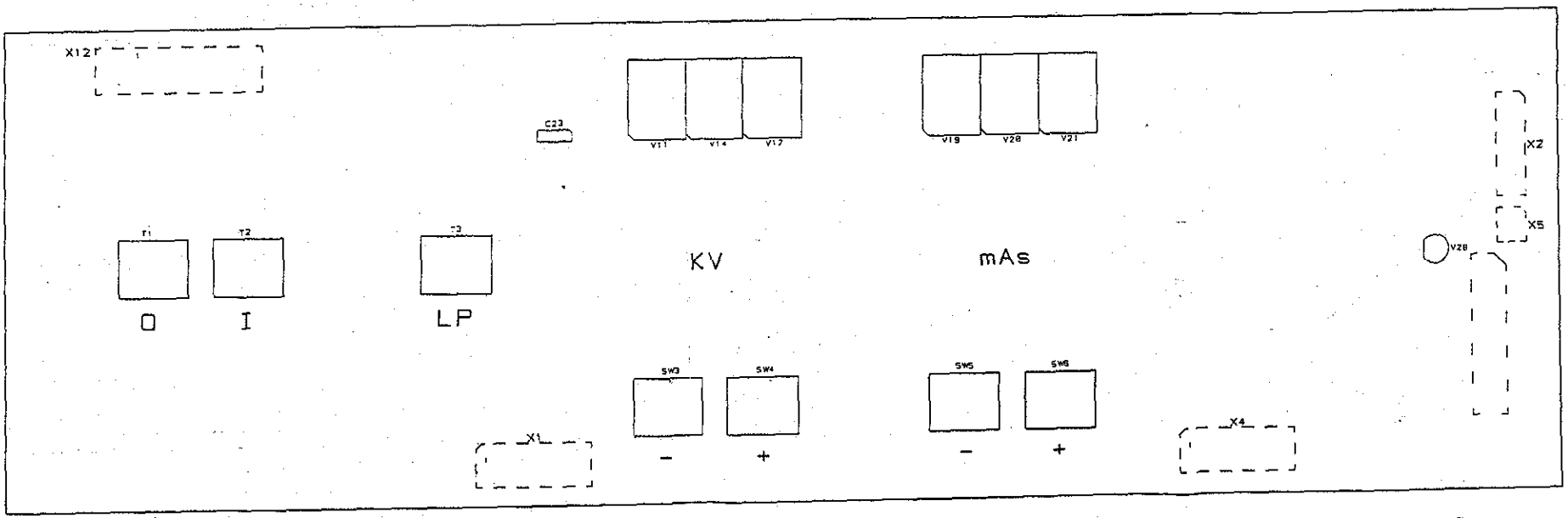
TARJETA DE POTENCIA

1 2 3 4 5 6 7 8

X038I-920-3


X2 X3 X6 X7
X4 X5 X3 X6 X1
X5 X1
X7
T3
V28
V27
C38 470UF
C40 100N
V38
R54 3K
R53 3K
R64 1K5
V34
V36
V31 15V
V41 LED
K1
ON/OFF
R68 15K
R59 15K
R57 15K
R58 15K
C43 10uF
C44 100N
U22 HCPL3700
R55 470R
U21 4N33
V43
C47 2200UF
R62 2K4
V40 +24V
V39 30V
+24V
0V
V29
U20 LM317
VP
C39
R50 240R
C42 10U
R49 3K9
V42
C46 4700UF
C45 4700UF
R61 1K2
V39 V16IZ
R52 1K
V32
V33
R51 100R
C41
R60 BRT
X0381-92A -3
0920 11
93 55 961 10381
LEISTUNG PLATTINE
POWER BOARD
CIRCUIT DE PUISSANCE
TARJETA DE POTENCIA



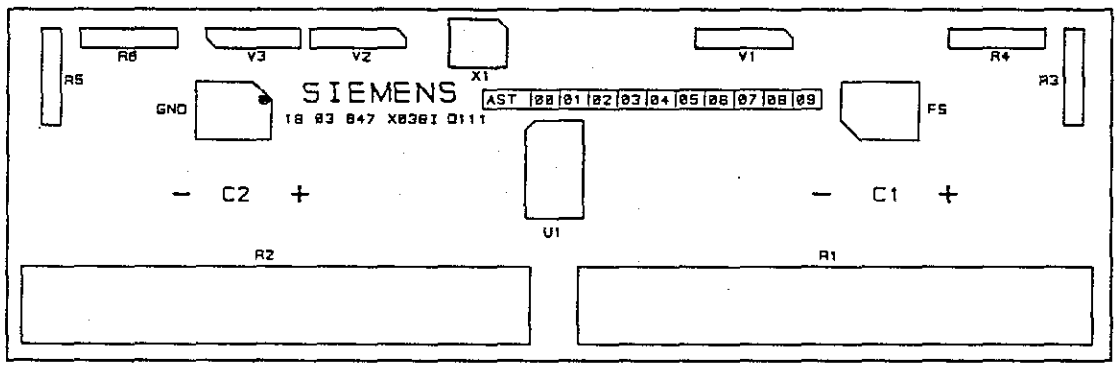

0910 5-
03 95 442 X038I
STEUERKREIS
CONTROL BOARD
CIRCUIT DE CONTROLE
CIRCUITO DE CONTROL

X038I-91E-3

2/95

D111 (V1)

SERIGRAFIA




D111 2-

18 03 847 X038I

ZWISCHENKREIS

INTERMEDIATE CIRCUIT

CIRCUIT INTERMÉDIAIRE

CIRCUITO INTERMEDIO

Erzeugnis:
Product:
Produit:
Producto:

# POLYMOBIL III

| | | | Schaltungsunterlage, circuit diagram schema des connexions, esquema-electrico } X0381 | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | D | E | F | G | H | J | K | L | M | N | P | R | S | T | U | V | W | X | Y | Z |
| N1 | D910 | 45 65 214 X0381 | X | X | X | X | | | | | | | | | | | | | | | | | | | |
| | | 03 95 442 X0381 | O | O | O | O | X | | | | | | | | | | | | | | | | | | |
| | D920 | 45 65 396 X0381 | X | | | | | | | | | | | | | | | | | | | | | | |
| | | ( STAND 2 ) | | X | X | X | | | | | | | | | | | | | | | | | | | |
| | | 03 95 061 X0381 | | O | O | O | X | | | | | | | | | | | | | | | | | | |
| | D111 | 18 03 647 X0381 | X | X | X | X | X | | | | | | | | | | | | | | | | | | |
| H1 | D1 | 45 68 358 X0381 | X | X | X | X | X | | | | | | | | | | | | | | | | | | |

X = Liefereinsatz, begining of delivery, debut de la livraison, comienzo del suministro

O = Nachträglicher Einbau möglich, subsequent installation possible, montage ulterieur possible,puede instalarse ulteriormente

Kompatibilitätsliste
Compatibility list
Liste de copatibilite
Lista de compatibilidades

X0381-200-5